

## Claims

[claim 1] A diagnostic reagent for determining the presence or absence of adenocarcinoma in a specimen of cells obtained from uterine cervix, said diagnostic reagent comprising cytokeratin 8 antibody.

[claim 2] The diagnostic reagent according to claim 1, further comprising HIK1083 antibody.

[claim 3] A diagnostic reagent kit for uterine adenocarcinoma comprising:  
a first reagent containing cytokeratin 8 antibody; and  
a second reagent containing a labeled secondary antibody which can bind to cytokeratin 8 antibody.

[claim 4] A method of detecting an adenocarcinoma cell in a specimen of cells obtained from uterine cervix, said method comprising a step of allowing cytokeratin 8 antibody to react with the cells.

[claim 5] A method of detecting an adenocarcinoma cell in a specimen of cells obtained from uterine cervix, said method comprising the steps of:  
allowing a reagent containing cytokeratin 8 antibody to react with the cells;  
removing a solution containing unreactant to collect cells; and  
detecting a complex of the cytokeratin 8 antibody and the adenocarcinoma cell in the collected cells.

[claim 6] The method according to claim 4, wherein the specimen comprises a uterine cervix tissue or cells dispersed individually.

[claim 7] The method according to claim 5, wherein the specimen comprises a uterine cervix tissue or cells dispersed individually.

[claim 8] A method of distinguishing an adenocarcinoma cell in a specimen of cells obtained from uterine cervix including an adenocarcinoma cell and a squamous

carcinoma cell, said method comprising the steps of:

allowing a labeled cytokeratin 8 antibody to react with the cells; and

detecting a complex of the cytokeratin 8 antibody and the adenocarcinoma cell.